

CLAIMS

1. A one way drive comprising a flexible head having an aperture therein for loosely engaging drive means, a handle mounted for pivotal movement
5 about a pivot on the head, a movable member mounted on the head for movement into and out of the aperture in the head, and cam means located on the handle for engaging the movable member so that when the handle is pivoted, such engagement moves the movable member into the aperture so as increasingly to tighten the flexible head about the drive means as more torque
10 is applied to the handle.
2. A drive as claimed in claim 1, wherein the movable member is slidably mounted on the head.
- 15 3. A drive as claimed in claim 2, wherein the movable member has a surface which constitutes a part of the surface of the aperture in the head.
4. A drive as claimed in any preceding claim, wherein the cam means comprises a shoulder provided on at least one side of the handle, relative to a
20 longitudinal axis of the handle, between the pivot and the movable member.
5. A drive as claimed in claim 4, wherein the cam means comprises two shoulders one on each corresponding side of the handle.

6. A drive as claimed in any preceding claim, wherein the cam means comprises a resilient cam including biasing means located on the handle.
- 5 7. A drive as claimed in claim 6, wherein the biasing means is effective in use to semi-clamp the drive onto the fastening means to allow torque to be applied to the handle without the drive being moved relative to the fastening means.
- 10 8. A drive as claimed in claim 6 or 7, wherein the biasing means comprises spring means.
9. A drive as claimed in claim 8, comprising a recess in the handle which receives the spring means.
- 15 10. A drive as claimed in claim 9, wherein the recess extends into the pivot about which the handle is pivotable.
11. A drive as claimed in claim 9 or 10, wherein the recess which receives
- 20 the spring means lies coaxial with the longitudinal axis of the handle.

12. A drive as claimed in claim 9 or 10, wherein the recess which receives the spring means extends in a direction transverse to the longitudinal axis of the handle.

5 13. A drive as claimed in any of claims 8 to 12, wherein the biasing means includes a cam ball at one or at each end of the spring means.

14. A drive as claimed in any of claims 8 to 13, wherein the spring means comprises a compression spring.

10

15. A drive as claimed in any preceding claim, comprising an opening in the head, a retaining pin located in the opening for retaining the movable member within the flexible head.

15 16. A drive as claimed in claim 15, including a retaining ring located between a head of the retaining pin and the flexible head of the gearless drive for securing fastening means relative to the flexible head in use of the gearless drive.

20 17. A drive as claimed in claim 15 or 16, wherein the retaining pin is movable in the opening so that the movable member can be engaged with or released from fastening means in the aperture of the flexible head of the gearless drive in use .

18. A drive as claimed in any preceding claim, wherein the fastening means comprises a fastener as hereinbefore defined.

5 19. A drive as claimed in any preceding claim, wherein the fastening means comprises a drive socket mounted in use in the gearless drive for engaging a fastener as hereinbefore defined.

10 20. A drive as claimed in any of claims 1 to 14, comprising a detent projecting outwardly from the movable member into the aperture in the flexible head so as to engage in a groove in fastening means located in use in the aperture in the head of the gearless drive to retain the fastening means in the aperture.

15 21. A drive as claimed in any preceding claim, wherein the aperture in the head is circular.

22. A drive as claimed in any preceding claim, wherein an inner surface of the flexible head is cylindrical.

20

23. A drive as claimed in any of claims 12 to 22, wherein the flexible head includes side walls defining a closed chamber within the head and within which chamber the handle is pivotally mounted.

24. A drive as claimed in claim 23, comprising a detent projecting inwardly from each of two opposed side walls for engagement by the cam means.

5 25. Fastener drive means for use with a gearless drive as claimed in any preceding claim.

26. Fastener drive means comprising a circular-section spigot portion extending coaxially from a tool engageable portion for engaging a fastener.